



SEQUENCE LISTING

<110> Gene-IT
<120> Systems and Methods for Sequence Comparison
<130> GIO-00101
<140> US 10/723,522
<141> 2003-11-26
<150> US 60/429,965
<151> 2002-11-29
<160> 2
<170> PatentIn version 3.2
<210> 1
<211> 203
<212> PRT
<213> Bos taurus
<400> 1

Met	Thr	Pro	Pro	Gly	Arg	Ser	Leu	Pro	Pro	Ser	Val	Gln	His	Pro	Pro	
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Leu	Leu	Leu	Leu	Gly	Leu	Leu	Leu	Pro	Met	Pro	Leu	Glu	Ala	Gln	Gly	
			20					25					30			
Leu	Arg	Gly	Ile	Gly	Leu	Thr	Pro	Ser	Ala	Ala	Gln	Pro	Ala	His	Gln	
		35					40					45				
Gln	Leu	Pro	Thr	Pro	Phe	Thr	Arg	Gly	Thr	Leu	Lys	Pro	Ala	Ala	His	
	50					55				60						
Leu	Val	Gly	Asp	Pro	Ser	Asn	Pro	Arg	Thr	Leu	Thr	Leu	Arg	Ala	Asn	
65					70					75					80	
Thr	Asp	Arg	Ala	Phe	Leu	Pro	Thr	Ala	Phe	Ser	Leu	Ser	Asn	Asn	Ser	
			85						90					95		
Leu	Leu	Val	Pro	Thr	Ser	Gly	Leu	Tyr	Phe	Val	Tyr	Ser	Gln	Val	Val	
			100					105					110			
Phe	Ser	Gly	Arg	Gly	Cys	Phe	Pro	Arg	Ala	Thr	Pro	Thr	Pro	Leu	Tyr	
		115					120					125				
Leu	Ala	His	Glu	Val	Gln	Leu	Phe	Ser	Pro	Gln	Tyr	Pro	Phe	His	Val	
	130					135					140					
Pro	Leu	Leu	Ser	Ala	Gln	Lys	Ser	Val	Cys	Pro	Gly	Pro	Gln	Gly	Arg	
145					150					155					160	
Trp	Val	Arg	Ser	Val	Tyr	Gln	Gly	Ala	Val	Phe	Leu	Leu	Thr	Arg	Gly	
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Asp Gln Leu Ser Thr His Thr Asp Gly Ile Ser His Leu Leu Leu Ser
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Pro Ser Ser Val Phe Phe Gly Ala Phe Ala Leu
 195 200

<210> 2
 <211> 204
 <212> PRT
 <213> Bos taurus

<400> 2

Met Thr Pro Pro Gly Arg Leu Tyr Leu Leu Arg Val Cys Ser Thr Pro
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Pro Leu Leu Leu Leu Gly Leu Leu Leu Ala Leu Pro Leu Glu Ala Gln
 20 25 30

Gly Leu Arg Gly Ile Gly Leu Thr Pro Ser Ala Ala Gln Pro Ala His
 35 40 45

Gln Gln Leu Pro Thr Pro Phe Thr Arg Gly Thr Leu Lys Pro Ala Ala
 50 55 60

His Leu Val Gly Asp Pro Ser Thr Gln Asp Ser Leu Arg Trp Arg Ala
 65 70 75 80

Asn Thr Asp Arg Ala Phe Leu Arg His Gly Phe Ser Leu Ser Asn Asn
 85 90 95

Ser Leu Leu Val Pro Thr Ser Gly Leu Tyr Phe Val Tyr Ser Gln Val
 100 105 110

Val Phe Ser Gly Arg Gly Cys Phe Pro Arg Ala Thr Pro Thr Pro Leu
 115 120 125

Tyr Leu Ala His Glu Val Gln Leu Phe Ser Pro Gln Tyr Pro Phe His
 130 135 140

Val Pro Leu Leu Ser Ala Gln Lys Ser Val Cys Pro Gly Pro Gln Gly
 145 150 155 160

Pro Trp Val Arg Ser Val Tyr Gln Gly Ala Val Phe Leu Leu Thr Arg
 165 170 175

Gly Asp Gln Leu Ser Thr His Thr Asp Gly Ile Ser His Leu Leu Leu
 180 185 190

Ser Pro Ser Ser Val Phe Phe Gly Ala Phe Ala Leu
 195 200